

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,049,485 B2
APPLICATION NO. : 09/981900
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INVENTOR(S) : Masomeh B. Sticklen, Bruce E. Dale and Shahina B. Maqbool

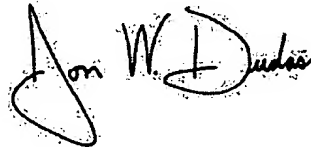
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, line 22, "cellulose" should be --cellulase--.
Column 9, line 23, "lobiose diners" should be --lobiose dimers--.
Column 9, line 35, "cellulose" should be --cellulase--.
Column 10, line 56, "cellulose" should be --cellulase--.
Column 14, line 25, "cellulose" should be --cellulase--.
Column 20, line 2, "pin 3"/blunt" should be --pin 3'/blunt--.
Column 20, line 23, "rbcSP1cbh1/" should be --rbcSP/cbh1/--.
Column 79, line 25 & 26, "encoding a ligninase comprising a lignin" should be --encoding a lignin--.
Column 79, line 64, "plant is the chloroplast" should be --plant is a chloroplast--.
Column 80, line 23, "encoding a ligninase comprising a lignin peroxidase" should be --encoding a lignin peroxidase--.
Column 81, line 19 & 20, "encoding a ligninase comprising a lignin" should be --encoding a lignin--.
Column 82, line 36, "degrade" should be --degraded--.

Signed and Sealed this

Ninth Day of January, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office